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                                                                                                                                                                                                                                                                                        TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM COMPACTURE
COMPUTER: IBM COMPACTURE
OPERATING SYSTEM: DOS
SOFTWARE: PASTSEQ Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                            IMMEDIATE SOURCE:
LIBRARY:
                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 871 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL PROSTATE-SPECIFIC
TITLE OF INVENTION: KALLIKREIN
   335
                                                                                                                                                                                                                                                                                                                          TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             354 GCCTCGTTTCTGGCTGGGGTCTGCTGGCGAAACGGCAGAATGCCTACCGTGCTGCAGTGCG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 294
                                                                                                                                                                                                           STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              234
                                                                                                                                                               CLONE:
                                                                                                                                                                                                                                                                                                                                                                        NAME: Billings, Lucy J
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: PF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US
FILING DATE: Herewith
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CITY: Palo Alto
STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
             1 acaacagacccttgctcgctaacgacctcatgctcatcaagtttggacgaatccgtgtccg 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
ACAACAGACCCTTGCTCGCTAACGACCTCATGNTCATCAAGTTGGACGAATCCGTGTCCG 394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TGAACGTGTCGGTGTCTGAGGAGGTCTGCAGTAAGCTCTATGACCCGCTGT 467
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gcctcgtttctggctggggtctgctgctgcgaacggcagaatgcctaccgtgctgcagtgcg
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                                                                                                                                                               Consensus
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                                                            97.48;
ilarity 97.98;
Conservative
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                                                                0;
                                                         Score 227.8; DB 2;
Pred. No. 8.2e-66;
                                                                                                                                                                                                                                                                                                                                                          PF-0154 US
                                                                                           Length
                                                              Indels
                                                                                             871;
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                                                            Gaps
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; Sequence 2, Application US/09102732
; Patent No. 5922321
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                                                                                                           Best Loc
Matches
                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/102,732
FILING DATE:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/744,026
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                     TELEFAX: 415-845-4166 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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                                                                                                                                                                                                                       IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL PROSTATE-SPECIFIC
TITLE OF INVENTION: KALLIKREIN
                                                                                                                                                                             LIBRARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
  395
                                                        335
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CITY: Palo Alto
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                           61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: DOS
                                                                                                           Local Similarity
les 229; Conserv
                                                                                                                                                                                                                                    STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                              TYPE:
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ZIP: 94304
                                                   LENGTH:
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            agtotgacaccatcoggagcatcagcattgcttcgcagtgccctaccgcgggggaactctt 120
AGTCTGACAACATCCGGAGNATCAGCATTGNTTCGCAGTGCCCTACCGCGGGGAACTTTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     agtctgacaccatccggagcatcagcattgcttcgcagtgccctaccgcggggaactctt 120
                                                                                                                                                                                                                                                           nucleic acid
                                                                                                                                                                                                                                                                           871 base pairs
                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Diskette
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                                                                                                                        97.48;
97.98;
                                                                                                        Score 227.8;
Pred. No. 8.2e
0; Mismatches
                                                                                                          0;
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3.2e-66;
5;
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                                                                                                                                    Length 871;
                                                                                                          Indels
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US-08-824-874-2
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                                                                                                                                                                         Query Match
Best Local S
Matches 75
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INFORMATION FOR SEQ ID NO: 2:
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                              IMMEDIATE SOURCE:
LIBRARY: KERAN
CLONE: 820694
                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FASTSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Ph
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TITLE OF INVENTION: NOVEL KALLIKREIN
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hillman, APPLICANT: Lal, Pre-
 845
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:2
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                   CENGTH:
TGGGG 849
                         tgggg 139
                                                         AGACCCATCAACGTCTCCTCCTTCTCCTCTCTCTGCTGGGACAAAGTGCTTGGTGTCCGGC
                                                                         cggagcatcagcattgcttcgcagtgccctaccgcggggaactcttgcctcgtttctggc 134
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                                                                                                                                                                       l Similarity 60.0
75; Conservative
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                                                                                                                                                                                                                                                                                                                                    nucleic acid
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                                                                                                                                                                                                                                                                                                                                                  1476 base pairs
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3174 Porter Drive
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                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                         Score 45; DB Pred. No. 1e-0000; Mismatches
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50;
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                                                                                                                                                                          Indels
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                                                                                                    Sequence 2, Application Patent No. 6075136
                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                             Matches
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Patent No. 584087
                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Corley, Weil C.
APPLICANT: Guegler, Karl J
TITLE OF INVENTION: PROSTAT
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hillman, Jennifer L. APPLICANT: GO11, Surya K. TITLE OF INVENTION: A NOVEL PROTITLE OF INVENTION: KALLIKREIN NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 29/9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION
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                                                                                                                                                                                                           420
                                                                                                                                                                                                                                                                          360 AATGACATCATGCTGGTGAAGATGGCATCGCCAGTCTCCATCACCTGGGCTGTGCGACCC 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36.
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 3174 POI
CITY: Palo Alto
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/71 FILING DATE: Filed Herewith
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
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                                                                                                                        Application US/09025059
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                                                                                                                                                                                                                                                                                                                                                          Score 37.4; DB 3
Pred. No. 0.0026;
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                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                             DB 3;
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STREET: 31. CITY: Palo Alto

CORRESPONDENCE ADDRESS:

ADDRESSEE:

E: Incyte Pharmaceuticals, Inc 3174 Porter Dr.

PROSTATE-ASSOCIATED SERINE

COMPUTER READABLE FORM: MEDIUM TYPE: Diskett

COUNTRY:

94304

COMPUTER:

IBM Compatible Diskette

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                        APPLICANT: Bach, Alfred APPLICANT: Hillen, Heinz APPLICANT: Hillojan, Siegf TITLE OF INVENTION: No. 57
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb stor
COMPUTER: LEM AT compatible, 80286 processor
OPERATING SYSTEM: MS-DOS version 5.0
SOFTWARE: WordPerfect version 5.1
CURRENT APPLICATION NUMBER: US/08/684,862
                                                                                                                                                                                                                                                                                                                          ENERAL INFORMATION:
                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                            ent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 1314 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                        -684-862-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J
                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                          uence 11, Application US/08684862
ent No. 5759541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                 608 CTCACCCTCTCACGCTGTGTCACTGCTGGCACCAGCTGCCTCATTTCCGGCTGGGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            548 AATGACATCATGCTGGTGAAGATGGCATCGCCAGTCTCCATCACCTGGGCTGTGCGACCC 607
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                                                                                                                               COUNTRY:
                                                                                                                                                STATE: D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                          21
                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Billings, Lucy
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/025,059
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                                                                                                                     20036
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                                                                                                                                                              Washington
                                                                                                                                                                          E: Keil & Weinkauf
1101 Connecticut Avenue
                                                                                                                                   USA
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57.1%;
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Pred. No. 0.0031;
0; Mismatches 51;
                                                                                 360 Kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1314;
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RESULT 8
US-08-684-862-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 12, Application US/08684862 Patent No. 5759541
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/EP91/01361
FILING DATE: 19-7UL-1991
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                     MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb storage COMPUTER: IBM AT-compatible, 80286 processor OPERATING SYSTEM: MS-DOS version 5.0 SOFTWARE: WordPerfect version 5.1 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/684,862
                                 FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Bach, Alfred
APPLICANT: Hillen, Heinz
APPLICANT: Bialojan, Sie
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Bialojan, Siegfried
TITLE OF INVENTION: No. 5759541el Proteins, the Preparation and Use
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                               STREET: 110-
                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 957 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          133 gctgggg 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           514 TCGCGCCTCTCAGCTTGCCTTCCAGCCCTCCCAGTGTGGGCTCATTTTGCCATATTATGG 573
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                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Keil & Weinkauf
STREET: 1101 Connecticut Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13 tgctcgctaacgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacacca 72
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity es 70; Conserv
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                                                                                                                                                                                                                                          20036
                                                                                                                                                                                                                                                               USA
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55.1%;
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Gaps

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RESULT 9
US-08-467-155A-2
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                                                                             ; MOLECULE TYPE: CDNA US-08-467-155A-2
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Query Match 52.9
Best Local Similarity 52.9
Matches 74; or Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 30-DEC-1992
APPLICATION NUMBER: PCT/
FILING DATE: 19-JUL-1991
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 840 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/08467155A Patent No. 5736377
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Best Local :
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                                                                                                                                                                              TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-8906
TELEFAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION UNMEER: US/08/467,155
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NES-1 POLYPEPTIDES, DITITLE OF INVENTION: MOLECULES AND METHODS NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               436 TCAGCTTGCCTTCCAACCCTCCCATTGTGGGCTCAGATTGCCGTGTTATGGGATGGGG 493
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STATE:
                                                                                                         TOPOLOGY:
                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
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                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                    LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                02110-2804
                                                                                                                    nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Boston
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                                                                                                                                                  1454 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       225 Franklin Street
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                                                                                                           linear
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                     14.7%;
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                     Score 34.4; DB Pred. No. 0.031;
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         Mismatches
                                                                                                                                                                                                                                                                                                                                                                         Version #1.30
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                                  DB 2;
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         66;
                                 Length 1454;
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                                     548
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; MOLECULE TYPE: US-08-628-198-2
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                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 0039
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5970
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION: APPLICANT: Band,
                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 1454 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/4
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED TITLE OF INVENTION: MOLECULES AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                 TELLEFAX: ULL 200154
142 tgctggcgaacggcagaatg 161
                                                                                                                  488 ACGATCTCATGTTGCTAAAGCTGGCCAGGCCCGTAGTGCCGGGGCCCCGCGTCCGGGCCC 547
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                                                                  22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
                                                                                                                                                                                                                                                                                                          TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE:
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                                                  ACGATCTCATGTTGCTAAAGCTGGCCCAGGCCCGTAGTGCCGGGGCCCCGCGTCCGGGCCC
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608 CCACGGCCGCCGGAGAGTG 627

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RESULT 12
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                                           Sequence 9, Application US/08684862 Patent No. 5759541
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GENERAL INFORMATION:
APPLICANT: New En
              GENERAL INFORMATION: APPLICANT: Bach,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELERAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 1454 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
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ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
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t Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                           142 tgctggcgaacggcagaatg 161
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                                                                                                                                         608 CCACGGCCGCCCGGAGAGTG 627
                                                                                                                                                                                                     488 ACGATCTCATGTTGCTAAAGCTGGCCAGGCCCGTAGTGCCGGGGCCCCGCGTCCGGGCCC 547
                                                                                                                                                                                                                         22 acgacctcatgctcatcaagttggacgaatccgtgtccgagtctgacaccatccggagca 81
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CLASSIFICATION:
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CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
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ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nucleic acid
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WENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
WENTION: MOLECULES AND METHODS
Hillen, Heinz
             Bach, Alfred
                                                                                                                                                                                                                                                                                                                                   Conservative
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52.9%;
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Pred. No. 0.031;
"" matches 66;
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RESULT 13
US-08-684-862-8
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                                                                                                                                                                                      Sequence 8, Application US/08684862 Patent No. 5759541
                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
                                                                        GENERAL INFORMATION:
APPLICANT: Blach, Alfred
APPLICANT: Hillen, Heinz
APPLICANT: Bialojan, Siegfried
APPLICANT: Bialojan, Siegfried
TITLE OF INVENTION: No. 5759541el Proteins, the Preparation and Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19-JUL-1
INFORMATION FOR SEQ ID NO:
                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Keil & Weinkauf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Diskette, 5.25 inch, 360 Kb sto.
COMPOTER: IBM AT-compatible, 80286 processor
OPERATING SYSTEM: MS-DOS version 5.0
SOFTWARE: WordPerfect version 5.1
CURRENT APPLICATION DATA:
                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
ORIGINAL SOURCE:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                       546 ATCAGCTTGCCTTCCAGCCCTCCCAGTGTGGGCTCAGTTTGCCGTGTTATGGGATGGGG
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OTHER INFORMATION: the coding region shown in (2)(ix)(B)
OTHER INFORMATION: codes for the protein of SEQ ID NO: 4
          ADDRESSEE: Keil & Weinkaui
STREET: 1101 Connecticut Avenue
                                                                                                                                                                                                                                                                                                                     TOR AFFECT.

APPLICATION NUMBER: 07/900,...

FILING DATE: 30-DEC-1992

FILING TATON NUMBER: PCT/EP91/01361
 CITY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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Washington
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1101 Connecticut Avenue
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19-JUL-1991
-- NO: 9:
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COMPUTER READABLE FORM:

MEDIUM TYPE: ZIP: 20036

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360 Kb storage

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Best Local
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                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                         APPLICANT: Egelrud, TAPPLICANT: Hansson, I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/
FILING DATE: 19-JUL-1991
NFORMATION FOR SEQ ID NO: 8
           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/557,146
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ORIGINAL SOURCE:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
FILING DATE:
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                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                       463
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CITY: New York
STATE: New Yor
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SOFTWARE: WordPer
                                                                                                                            COUNTRY:
                                                                                                                                                                                  ADDRESSEE:
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mes 65; Conserv
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                                                                                                             TRY: U.S.A.
10036-2787
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                                                                                                                                                                  E: White & Case, Patent Dep
1155 Avenue of the Americas
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14-DEC-1995
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                                                                                                                                                                                  Patent Department
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 33.2; DB Pred. No. 0.069;
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RESULT 15
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; LOCATION:
US-08-557-146-1
                                                                                                                                                                                                                     US-09-154-344-1
                                                                                                                                                                      Sequence 1, Application US/09154344
Patent No. 5981256
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 114;
                                                                                                             APPLICANT: Egelrud,
APPLICANT: Hansson,
TITLE OF INVENTION:
TITLE OF INVENTION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                     NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
ADDRESSEE: White & Case, Patent Department
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 1103326-181
TELECOMMUNICATION INFORMATION:
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COUNTRY: U.S.A. ZIP: 10036-2787
                            CITY: New York
STATE: New York
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                                                                                                                                                                                                                                                                                                                                       GTACTGTCTCCGGCTGGGGCACTACCACGAGCCCAGATGTGACCTTTCCCCTCTGACCTCA 514
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DEDNESS: single
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                              New York
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                                                                                                                                            Hansson,
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112..783
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25..90
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Pred. No. 0.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM:

IBM PC compatible SYSTEM: PC-DOS/MS-DOS

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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sterner, Richard J.
REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 110326-181
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 819-8783
TELEFAX: (212) 354-8113
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 986 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
Search completed: December 15, 2000, 11:28:01 Job time: 44892 sec
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; LOCATION:
US-09-154-344-1
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NAME/KEY:
LOCATION:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/557,146
FILING DATE: 14-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
                                                                                    395 TGTCATCCATGGTGAAGAAAGTCAGGCTGCCCTCCCGCTGCGAACCCCCTGGAACCACCT 454
                                                                                                                                                                                                                                                                                                           335 ACTCCACACAGACCCATGTTAATGACCTCATGCTCGTGAAGCTCAATAGCCAGGCCAGGC 394
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LOCATION: 25..786
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112..783
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